

THE ARMSTRONG MANUFACTURING CO.

Principal Office—303 Knowlton Street—BRIDGEPORT, CONN.

New York Sales and Export Office—225 Lafayette Street

Chicago Sales Office—602 W. Randolph Street

ARMSTRONG Adjustable Stocks and Dies



ARMSTRONG Solid Stocks and Dies



Each set consists of an ARMSTRONG Adjustable Stock with Kalorized ARMSTRONG Adjustable Dies and Ring Bushings for each cutting size together with Screws, Handles and Wrench necessary. Each set is packed in substantial, hinged, wooden box. Bushings are removable, close nipples can be threaded.

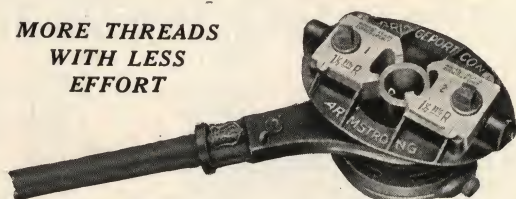
These Dies will fit Square Diestocks of any other Manufacturer.
NPT (National Pipe Thread) Right Hand furnished unless otherwise specified.

Set No.	List Price	For Threaded Pipe Size—Inches	Weight of Sets Pounds	Extra Dies per Pair	Extra Bushings
1	\$ 9.00	$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$	4 $\frac{1}{2}$	\$1.60	\$0.30
2	8.25	$\frac{1}{2}$, $\frac{3}{4}$, 1 , $1\frac{1}{4}$	10 $\frac{1}{4}$	2.00	.40
2	10.00	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1	11 $\frac{1}{4}$	2.00	.40
2	12.00	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1	12 $\frac{1}{4}$	2.00	.40
2	14.00	$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1	13 $\frac{1}{4}$	2.00	.40
2 $\frac{1}{2}$	14.00	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 , $1\frac{1}{4}$ *.....	14 $\frac{1}{4}$	*3.50	.60
2 $\frac{1}{2}$	19.00	$\frac{1}{4}$, $\frac{3}{8}$ †, $\frac{1}{2}$ ‡, $\frac{3}{4}$ §, 1 , $1\frac{1}{4}$ *.....	18	†2.50	.60
2 $\frac{1}{2}$	21.50	$\frac{1}{4}$, $\frac{3}{8}$ †, $\frac{1}{2}$ ‡, $\frac{3}{4}$ §, 1 , $1\frac{1}{4}$ *.....	20 $\frac{1}{2}$	‡2.50	.60
3	18.00	$\frac{1}{2}$, $\frac{3}{4}$, 1 , $1\frac{1}{4}$, $1\frac{1}{2}$	31	§4.50	.75
3	21.00	$\frac{1}{2}$, $\frac{3}{4}$, 1 , $1\frac{1}{4}$, $1\frac{1}{2}$	35	4.50	.75
3	24.00	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 , $1\frac{1}{4}$, $1\frac{1}{2}$	39	4.50	.75
3	27.00	$\frac{1}{8}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 , $1\frac{1}{4}$, $1\frac{1}{2}$	44	4.50	.75

*Indicate double ended dies. †Indicate single end dies; dies otherwise unidentified are single end.

ARMSTRONG Ratchet Diestocks

**MORE THREADS
WITH LESS
EFFORT**



ARMSTRONG Ratchet Diestocks are furnished with Kalorized Armstrong Adjustable Dies and an Adjustable Bushing.

Set No.	List Price	For Threading Pipe Size—Inches	Weight Pounds	Dises per Pair
2R	\$19.00	$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1	13	\$2.00
2R	17.00	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1	12	2.00
2R	15.50	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1	11	2.00
3R	25.00	1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2	30	4.50
3R	22.30	$1\frac{1}{4}$, $1\frac{1}{2}$, 2	27	4.50

No. 2 Ratchet Stocks less Dies, \$9.50. No. 3 Ratchet Stocks less Dies, \$16.50

ARMSTRONG Ratchet Diestocks can be supplied with Nos. 2 and 3 Armstrong Adjustable Dies for Bolts and Rods as listed in the right hand column.

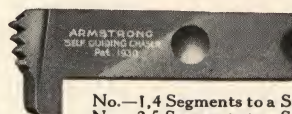
For Threading Brass and Copper Pipe



The added threads cut into the double taper of the throat, pull the dies without effort, even over the meanest burr.

Dies of all sizes listed above can be supplied for I. P. S. Brass and Copper Pipe at the same list. Such Dies are stamped "for BRASS PIPE only" for instant identification.

ARMSTRONG Self-Guiding Chasers



Revolutionizes the narrow chaser stock. The "lips" on the Self-Guiding Chasers guide threader on pipe, hold it true, and center perfectly. No effort to adjust guide screws. No strain. No stripped, ripped or crossed threads.

No.—1,4 Segments to a Set.
No.—2,5 Segments to a Set.

Threading Sizes Inches	1	1¼	1½	2	2½	3	3½	4
For No. 1 Threader ..	\$2.50	\$2.50	\$2.50	\$2.50
For No. 1A Threader ..	2.50	2.50	2.50	2.50
For No. 2 Threader ..					\$8.00	\$8.00	\$8.00	\$8.00

ARMSTRONG Adjustable Dies For Bolts and Rods

For Set No.	List Price	Threads Inches
1.....	\$1.50	$\frac{1}{4}$ to $\frac{7}{16}$
1.....	1.75	$\frac{1}{2}$ to $\frac{3}{4}$
2.....	2.00	$\frac{3}{4}$ to 1
2.....	2.25	1 $\frac{1}{8}$ to 1 $\frac{1}{4}$
3.....	5.00	$\frac{1}{8}$ to 2

Dies supplied right-hand. Left-hand Dies cost twice the list. Prices on other sets and for Dies with S. A. E. threads, for fine thread purposes on request.

ARMSTRONG Cooling Cutting Oil

"It Cools as You Cut"

Most important development in cooling oil. Took three years to perfect. Takes away the heat, makes the dies cut easy, cut smooth and last longer. Runs freely at low temperatures.

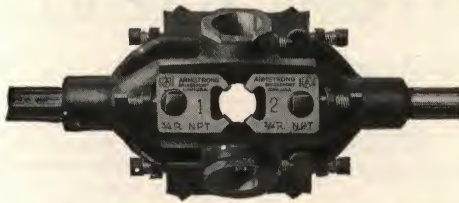
1 gallon in special easy pouring can—\$1.50 per gallon.

5 gallons, in special easy pouring can—\$1.25 per gallon.

Prices for Drums on application.



ARMSTRONG Adjustable 3-Way Diestock



*All No. 2
ARMSTRONG
Dies can
be used in the
3-Way
Diestock*

List Price \$16.00 for threading, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ -inch pipe. Weight 12 pounds.
List Price \$16.00 for threading, $\frac{1}{2}$, $\frac{3}{4}$, 1-inch pipe. Weight 12 pounds.
IMPORTANT—All No. 2 Dies listed on opposite page can be used in the 3-Way Stock.



ARMSTRONG Chain Vise

Unbreakable. Compact. Fasten anywhere. Rapid acting. Firm Grip.

No.	List Price	Holds Pipe Inches	Extra Jaws per Pair	Chain with Screw	Handle and Nut
1	\$7.00	$\frac{1}{8}$ to 2	\$3.00	\$2.50	\$2.20
2	15.00	$\frac{1}{4}$ to 2	7.00	4.80	4.20
3	27.00	$\frac{1}{4}$ to 6	12.00	9.00	7.00
4	36.00	$\frac{1}{2}$ to 8	18.00	12.00	7.00

ARMSTRONG Pipe Cutters

Parts are interchangeable. Knife Blade and Knurled Cutter Wheels made from special alloy.

Barnes
Type



Number	Type	List Price	Capacity Inches	Weight Pounds	Wheels Each
1B	3 Wheel	\$ 4.50	$\frac{1}{8}$ to 1	3	\$0.50
2B	3 Wheel	6.00	$\frac{1}{4}$ to 2	5	.60
3B	3 Wheel	10.00	$\frac{1}{2}$ to 3	9	.80
4B	3 Wheel	20.00	$\frac{3}{4}$ to 4	14	1.00
5B	3 Wheel	30.00	4 to 6	23	1.10
6B	3 Wheel	40.00	6 to 8	28	1.10
6½B	3 Wheel	45.00	8 to 10	34	1.10
7B	3 Wheel	50.00	9 to 12	51	1.10



Saunder's
Type

Number	Type	List Price	Capacity Inches	Weight Pounds	Wheels Each
1S	Roller	\$ 3.00	$\frac{1}{8}$ to 1	3	\$0.50
2S	Roller	4.50	1 to 2	6	.60
3S	Roller	11.00	2 to 3	11	1.10
4S	Roller	18.00	$2\frac{1}{2}$ to 4	15	1.10
5S	Roller	28.00	4 to 6	23	1.10



No. 83

**ARMSTRONG
Portable
Pressed
Steel
Vise
Stands**



No. 84

Lighter, more practical, yet strong and lasting. Truly portable. One piece tops. Drilled for Standard Vises.

No.	List Price	Description	Weight Pounds
83	\$18.00	Portable Vise Stand and Bender only	30
83V	23.00	Above with No. 23 Armstrong Hinged Vise	40½
83C	22.00	Above with No. 1 Armstrong Chain Vise	39
84	21.00	Portable Vise Stand and Bender only	45
84V	26.00	Above with No. 23 Armstrong Hinged Vise	55½
84C	25.00	Above with No. 1 Armstrong Chain Vise	49

ARMSTRONG Pipe Vises

With One Piece Slides



All useless weight eliminated. I-Beam structure provides maximum strength. One-piece slide runs on outside of frame, assures easy operation, and holds upper jaw in place. Flat extension base. Heavy Duty Vise is guaranteed against breakage, bolts and hook cannot loosen or shear.

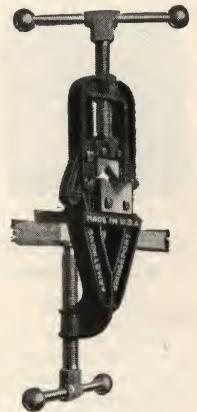
Kit Vise is light enough for every Kit, yet strong and husky. No mounting tools needed; quickly fastened to plank, bench, post of partition.

Special Jaws for BRASS Pipe can be obtained for the Nos. 23, 33 and 43 Vises. Prices upon request.

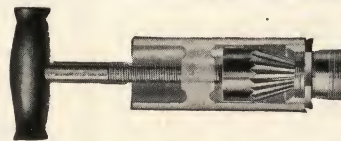
No.	List Price	Holds Pipe Inches	Weight Pounds	Extra Jaws, Three
21	\$2.50	$\frac{1}{8}$ to $1\frac{1}{4}$	3	\$1.20
22	4.25	$\frac{1}{4}$ to 2	6½	1.80
23	5.00	$\frac{1}{2}$ to $2\frac{1}{2}$	11	1.80
24	7.50	$\frac{3}{4}$ to $3\frac{1}{2}$	16	2.55
25	11.00	$\frac{1}{2}$ to $4\frac{1}{2}$	25	3.60
36	23.50	$\frac{1}{8}$ to 6	35	6.00

Kit (Clamp Type) Vise

No.	List Price	Holds Pipe Inches	Weight Pounds	Extra Jaws, Three
41	\$3.50	$\frac{1}{8}$ to $1\frac{1}{4}$	4½	\$1.20
42	5.00	$\frac{1}{4}$ to 2	9½	1.80
43	6.50	$\frac{1}{2}$ to $2\frac{1}{2}$	14	1.80



ARMSTRONG Nipple Chuck



Equally as good for Brass and Copper as for Iron and Steel Nipples.

Cross Section View

Set No.	List Price	With Set Bushings to Hold Nipples—Inches	Weight Lbs.—Ozs.	Extra Bushings
2	\$10.00	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1.....	3—14	\$0.75
3	14.00	1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2.....	11	1.00

Right-hand Bushings supplied unless otherwise requested.

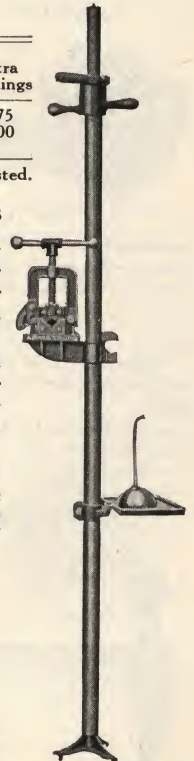
ARMSTRONG Portable Vise Posts

Easy to set and to keep in place. Once properly fitted between beam and floor, the post cannot shift, turn or become off balance or disconnected due to the faultless lock and the tri-foot, self-balancing base.

Only one hand is required to lift extension pipe to ceiling. The lock prevents any downward slip of the pipe. One rap of the lock unlocks the post—but it is impossible to loosen it otherwise.

No.	List Price	Description	Weight Pounds
81	\$19.50	Portable Vise Post.....	31½
81V	23.75	As above with Armstrong Hinged Pipe Vise $\frac{1}{8}$ " to 2"	38
81C	23.50	As above with Armstrong Chain Pipe Vise $\frac{1}{8}$ " to 2"	35½
82	25.30	Portable Vise Post.....	55½
82V	32.80	As above with Armstrong Hinged Pipe Vise $\frac{1}{8}$ " to $3\frac{1}{2}$ "	71½
82C	33.80	As above with Armstrong Chain Pipe Vise $\frac{1}{4}$ " to 4"	65½

The Post is shipped complete with universal plate for Hinged or Chain Vise; pipe bender; removable tool tray and oiler.



Pat. No. 1,390,189